

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	(US-6623564-\$ or US-6024016-\$ or US-6964792-\$ or US-6755130-\$ or US-6602566-\$ or US-3662781-\$). did.	USPAT	OR	ON	2008/10/17 14:52
L2	4	((US-6623564-\$ or US-6024016-\$ or US-6964792-\$ or US-6755130-\$ or US-6602566-\$ or US-3662781-\$). did.) and @pd<="20040312"	USPAT	OR	ON	2008/10/17 14:52
L3	5	((US-6623564-\$ or US-6024016-\$ or US-6964792-\$ or US-6755130-\$ or US-6602566-\$ or US-3662781-\$). did.) and @pd<="20050312"	USPAT	OR	ON	2008/10/17 14:53
S1	1	"347"/\$.ccls. and hydrophore	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:38
S2	681	"347"/\$.ccls. and (doctor with blade)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:47
S3	615	"347"/\$.ccls. and (doctor adj blade)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:48
S4	38	hydrophore	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 14:28
S5	6785	(hydrophore or ((hydropneumatic) or (hydro adj pneumatic)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:00

S6	249	(hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and (clean or cleaning)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:02
S7	107	(hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and (clean or cleaning) and (remove or removing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:02
S8	829	(hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and ((clean or cleaning) or (remove or removing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:03
S9	20	(hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and ((clean or cleaning) or (remove or removing)) and ink	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:05
S10	14	(hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and ((clean or cleaning) or (remove or removing)) and ink and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:11
S11	186	(hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and (((clean or cleaning) or (remove or removing)) with (chamber or tank or container or vessel)) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:38
S12	205	(hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and (((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel)) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:41
S13	6	(hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and (((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel)) and (doctor) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:44

S14	11	((hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and (((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel)) and (doctor or scraper) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:44
S15	55	((hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and (((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel)) and (doctor or scraper or blade or squeegee or rubber) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:45
S16	0	((hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and (((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) and ink and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:46
S17	5	((hydrophore or ((hydropneumatic) or (hydro adj pneumatic))) and (((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:47
S18	11332	(((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 16:58
S19	726	(((clean or cleaning or wash or washing or scrape or scraping) or (remove or removing)) with (chamber or tank or container or vessel)) with ((doctor or scraper or blade or squeegee or rubber) with (inside)) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 17:03

S20	1	(((clean or cleaning or wash or washing or scrape or scraping) or (remove or removing)) with (chamber or tank or container or vessel)) with ((doctor or scraper or blade or squeegee or rubber) with (inside)) and @pd<="20040319" and (hydrophore or ((hydropneumatic) or (hydro adj pneumatic)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 17:05
S21	244	(((clean or cleaning or wash or washing or scrape or scraping) or (remove or removing)) with (chamber or tank or container or vessel)) with ((doctor or scraper or blade or squeegee or rubber) with (inside)) and @pd<="20040319" and ((hydrophore) or (hydropneumatic) or (hydro adj pneumatic) or (jet or jetting or nozzle or stream or spray or spraying))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 17:10
S22	13	(((clean or cleaning or wash or washing or scrape or scraping) or (remove or removing)) with (chamber or tank or container or vessel)) with ((doctor or scraper or blade or squeegee or rubber) with (inside)) and @pd<="20040319" and ((hydrophore) or (hydropneumatic) or (hydro adj pneumatic) or (jet or jetting or nozzle or stream or spray or spraying)) and ink	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 17:11
S23	4	(US-6309542-\$ or US-6189999-\$ or US-5454935-\$ or US-5337113-\$).did.	USPAT	OR	ON	2008/04/10 17:48
S24	4	(US-6309542-\$ or US-6189999-\$ or US-5454935-\$ or US-5337113-\$).did. and (((clean or cleaning or wash or washing or scrape or scraping) or (remove or removing)) with (chamber or tank or container or vessel)) with ((doctor or scraper or blade or squeegee or rubber) with (inside)) and ((hydrophore) or (hydropneumatic) or (hydro adj pneumatic) or (jet or jetting or nozzle or stream or	USPAT	OR	ON	2008/04/10 17:49

		spray or spraying)) and ink				
S25	20	("0838626"   "2064398"   "3298519"   "4094783"   "4161444"   "4186094"   "4347128"   "4750994"   "5096572").PN. OR ("5454935").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/10 17:54
S26	8672	((clean or cleaning or wash or washing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) and (doctor or scraper or blade or squeegee or rubber) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:05
S27	1340	((clean or cleaning or wash or washing or spray or jet) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) and (doctor or scraper or blade or squeegee or rubber) and (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:09
S28	7715	((clean or cleaning or wash or washing or stream) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) and (doctor or scraper or blade or squeegee or rubber) and (pressurized or pressure) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:11
S29	1340	((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) and (doctor or scraper or blade or squeegee or rubber) and (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:15
S30	65	((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) and (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:16

S31	29	((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) same (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:16
S32	20	((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:16
S33	7	(US-20010020483-\$).did. or (US-6623564-\$ or US-6189999-\$ or US-6024016-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$).did.	US-PGPUB; USPAT	OR	ON	2008/04/10 18:44
S34	36	S30 not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:45
S35	36	S34 not S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:45
S36	6	(US-6623564-\$ or US-6189999-\$ or US-6024016-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$).did.	USPAT	OR	ON	2008/04/10 18:50
S37	10	("2933102"   "20020023561"   "20030167949"   "5816163").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 18:58

S38	4	(US-20030167949-\$ or US-20020023561-\$).did. or (US-5816163-\$ or US-2933102-\$).did. or (US-20030167949-A-\$ or WO-9842511-A-\$ or EP-780228-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/11 07:18
S39	5	(US-6623564-\$ or US-6024016-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$).did.	USPAT	OR	ON	2008/04/11 07:22
S40	4	(US-20030167949-\$ or US-20020023561-\$).did. or (US-5816163-\$ or US-2933102-\$).did. or (US-20030167949-A-\$ or WO-9842511-A-\$ or EP-780228-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/11 07:22
S42	9	S39 or S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 07:23
S43	9	(US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.	US-PGPUB; USPAT	OR	ON	2008/04/11 07:25
S45	9	((US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.) and @pd<="20040312"	US-PGPUB; USPAT	OR	ON	2008/04/11 07:39
S46	2	((US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.) and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT	OR	ON	2008/04/11 07:45

S47	2	((US-6024016-\$ or US-5564338-\$).did.) and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment)	US-PGPUB; USPAT	OR	ON	2008/04/11 09:40
S48	7	((US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.) and @pd<="20040312" and (air or water)	US-PGPUB; USPAT	OR	ON	2008/04/11 12:07
S49	4	((US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.) and @pd<="20040312" and (air or water) and (flush or purge or wash or eliminate)	US-PGPUB; USPAT	OR	ON	2008/04/11 12:11
S50	2	((US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.) and @pd<="20040312" and (air or water) and (flush or purge or wash or eliminate) and (hot or warm or heated)	US-PGPUB; USPAT	OR	ON	2008/04/11 12:17
S51	1	(10/378791).APP.	USPAT; USOCR	OR	ON	2008/04/11 12:58
S52	1	(US-6755130-\$).did.	USPAT	OR	ON	2008/04/11 12:59
S53	8	(US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.	US-PGPUB; USPAT	OR	ON	2008/04/11 13:00



S54	9	S52 or S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 13:01
S55	9	(US-20020023561-\$).did. or (US-6623564-\$ or US- 6024016-\$ or US-5816163-\$ or US-5571422-\$ or US- 5564338-\$ or US-5454935-\$ or US-2933102-\$ or US- 6755130-\$).did.	US-PGPUB; USPAT	OR	ON	2008/04/11 13:01
S56	0	(09/381759).APP.	USPAT; USOCR	OR	ON	2008/04/11 13:02
S57	0	(09/381759).APP.	USPAT; USOCR	OR	ON	2008/04/11 13:07
S58	0	(09/381759).APP. and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment)	USPAT; USOCR	OR	ON	2008/04/11 13:07
S59	0	(09/381759).APP. and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) same ((inside or interior) same (chamber or tank or container or vessel)) same (doctor or scraper or blade or squeegee or rubber) same (ink or dye or pigment)	USPAT; USOCR	OR	ON	2008/04/11 13:09
S60	4567682	(09/381759).APP. or ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) or ((inside or interior) or (chamber or tank or container or vessel)) or (doctor or scraper or blade or squeegee or rubber) or (ink or dye or pigment)	USPAT; USOCR	OR	ON	2008/04/11 13:09

S61	3865732	((09/381759).APP. and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) or ((inside or interior) or (chamber or tank or container or vessel)) or (doctor or scraper or blade or squeegee or rubber) or (ink or dye or pigment))	USPAT; USOCR	OR	ON	2008/04/11 13:10
S62	3865732	((09/381759).APP.) and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) or ((inside or interior) or (chamber or tank or container or vessel)) or (doctor or scraper or blade or squeegee or rubber) or (ink or dye or pigment))	USPAT; USOCR	OR	ON	2008/04/11 13:10
S63	0	((09/381759).APP.) and (((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) or ((inside or interior) or (chamber or tank or container or vessel)) or (doctor or scraper or blade or squeegee or rubber) or (ink or dye or pigment))	USPAT; USOCR	OR	ON	2008/04/11 13:11
S64	0	((09/381759).APP.) and (((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) or ((inside or interior) or (chamber or tank or container or vessel)) or (doctor or scraper or blade or squeegee or rubber) or (ink or dye or pigment)) and (heat or heated or hot)	USPAT; USOCR	OR	ON	2008/04/11 14:14

S65	0	((US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$ or US-6755130-\$).did.) and ((09/381759).APP.) and (((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) or ((inside or interior) or (chamber or tank or container or vessel)) or (doctor or scraper or blade or squeegee or rubber) or (ink or dye or pigment)) and (heat or heated or hot)	US-PGPUB; USPAT	OR	ON	2008/04/11 14:18
S66	0	((US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$ or US-6755130-\$).did.) and ((09/381759).APP.) and (heat or heated or hot)	US-PGPUB; USPAT	OR	ON	2008/04/11 14:19
S67	2	((US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$ or US-6755130-\$).did.) and (heat or heated or hot)	US-PGPUB; USPAT	OR	ON	2008/04/11 14:19
S68	4	((US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$ or US-6755130-\$).did.) and bar	US-PGPUB; USPAT	OR	ON	2008/04/11 14:53
S69	4	((US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$ or US-6755130-\$).did.) and (bar or psi)	US-PGPUB; USPAT	OR	ON	2008/04/11 14:54
S71	0	((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel) and @pd<="20040319" and (S38 adj bar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 15:11

S72	6759	((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel) and @pd<="20040319" and (pressure with bar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 15:12
S73	118702	((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel) and @pd<="20040319" and ((pressure) with ("2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10" or "11" or "12"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 15:16
S74	3981	((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel) and @pd<="20040319" and ((pressure) with ("2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10" or "11" or "12") with (bar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 15:19
S75	4814	((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel) and @pd<="20040319" and ((pressure) with ("2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10" or "11" or "12" or "13" or "14" or "15" or "16" or "17" or "18" or "19" or "20" or "21" or "22" or "23" or "24" or "25" or "26" or "26" or "27" or "28" or "29" or "30" ) with (bar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 15:22
S76	189	((clean or cleaning or wash or washing) or (remove or removing)) with (chamber or tank or container or vessel) and @pd<="20040319" and ((pressure) with ("2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10" or "11" or "12" or "13" or "14" or "15" or "16" or "17" or "18" or "19" or "20" or "21" or "22" or "23" or "24" or "25" or "26" or "26" or "27" or "28" or "29" or "30" ) with (bar)) and ink	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 15:24

S77	1418	nozzle with check with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 16:26
S78	66	(nozzle with check with spring) with water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 16:28
S79	64	(nozzle with check with spring) with water and @pd<="20040312"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 16:29
S80	0	(nozzle with check with spring) with water and @pd<="20040312" and pvdf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 18:42
S81	2223	nozzle and pvdf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 18:43
S82	2	mushroom with nozzle and pvdf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/11 18:46
S83	4	(US-20030167949-\$ or US- 20020023561-\$).did. or (US- 5816163-\$ or US-2933102-\$). did. or (US-20030167949-A-\$ or WO-9842511-A-\$ or EP- 780228-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/12 15:11
S84	5	(US-6623564-\$ or US- 6024016-\$ or US-5571422-\$ or US-5564338-\$ or US- 5454935-\$).did.	USPAT	OR	ON	2008/04/12 15:11
S85	4	(US-20030167949-\$ or US- 20020023561-\$).did. or (US- 5816163-\$ or US-2933102-\$). did. or (US-20030167949-A-\$ or WO-9842511-A-\$ or EP- 780228-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/12 15:11

S86	0	S84 and S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/12 15:11
S87	9	S84 or S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/12 15:11
S88	9	(US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.	US-PGPUB; USPAT	OR	ON	2008/04/12 15:11
S89	9	((US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.) and @pd<="20040312"	US-PGPUB; USPAT	OR	ON	2008/04/12 15:11
S90	9	((US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.) and @pd<="20040312"	US-PGPUB; USPAT	OR	ON	2008/04/12 15:11
S91	2	((US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.) and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT	OR	ON	2008/04/12 15:11

S92	2	((US-6024016-\$ or US-5564338-\$).did.) and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment)	US-PGPUB; USPAT	OR	ON	2008/04/12 15:11
S93	7	((US-20030167949-\$ or US-20020023561-\$).did. or (US-6623564-\$ or US-6024016-\$ or US-5816163-\$ or US-5571422-\$ or US-5564338-\$ or US-5454935-\$ or US-2933102-\$).did.) and @pd<="20040312" and (air or water)	US-PGPUB; USPAT	OR	ON	2008/04/12 15:11
S94	1	(09/964313).APP.	USPAT; USOCR	OR	ON	2008/04/12 15:16
S95	1	(10/378791).APP.	USPAT; USOCR	OR	ON	2008/04/12 16:16
S96	1	(US-3662781-\$).did.	USPAT	OR	ON	2008/04/12 16:46
S97	10	S84 or S85 or S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/12 16:51
S98	1	(US-6964792-\$).did.	USPAT	OR	ON	2008/04/12 18:28
S99	11	S84 or S85 or S96 or S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/12 18:29
S100	1	(S84 or S85 or S96 or S98) and (plastic with nozzle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/12 19:49
S101	5	(S84 or S85 or S96 or S98) and (plastic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/12 19:57

S102	2	(S84 or S85 or S96 or S98) and (plastic same (nozzle or opening))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/12 20:00
S103	10	("101"/ "350.6", "35,5", "364") and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/13 09:37
S104	2	("209"/ "164", "168") and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/13 09:38
S105	5	("210"/ "703", "704", "705", "706", "707") and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/13 09:39
S106	5	("210"/ "726", "242.3") and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/13 09:40



S107	15	("134"/ "16", "19", "27", "34", "38", "42") and ((clean or cleaning or wash or washing or spray or jet or scrub or scrubbing) or (remove or removing)) with ((inside or interior) with (chamber or tank or container or vessel)) with (doctor or scraper or blade or squeegee or rubber) with (ink or dye or pigment) and @pd<="20040319"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/13 09:41
S108	16	S103 or S104 or S105 or S106 or S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/13 09:41
S109	12	(US-6024016-\$ or US-6755130-\$ or US-6623564-\$ or US-6602566-\$ or US-3662781-\$ or US-6964792-\$). did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/13 18:31
S110	6	(US-6623564-\$ or US-6024016-\$ or US-6964792-\$ or US-6755130-\$ or US-6602566-\$ or US-3662781-\$). did.	USPAT	OR	ON	2008/04/13 18:32
S112	2	"20070146412".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/17 10:40
S113	2	"20070146412".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/17 10:40

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